



# OPEN EXAMINATION BULLETIN

## RESEARCH SCIENTIST II (MICROBIOLOGICAL SCIENCES)

FINAL FILING DATE: **APRIL 25, 2003**

Bulletin Release Date: March 28, 2003

LR09-5587 3HA38-04

California State Government supports equal opportunity to all regardless of race, color, creed, national origin, ancestry, gender, marital status, disability, religious or political affiliation, age, or sexual orientation. It is the objective of the State of California to achieve a drug-free work place. Any applicant for state employment will be expected to behave in accordance with this objective because the use of illegal drugs is inconsistent with the law of the state, the rules governing civil service, and the special trust placed in public servants.

**WHO SHOULD APPLY:** Persons who meet the minimum qualifications (entrance requirements) as stated. This is an open examination. Applications will NOT be accepted on a promotional basis.

This examination will be used by multiple departments: The Department of Health Services, Department of Toxic Substances Control, and the California Department of Food and Agriculture.

**HOW TO APPLY:** To learn more about the job and testing arrangements, contact the testing office shown below. Applications are available and may be filed in person or by mail with:

**DEPARTMENT OF HEALTH SERVICES** (916) 657-0365  
**ATTENTION: Shaun Dean**  
**714 P STREET, ROOM 850**  
**P.O. BOX 942732**  
**SACRAMENTO, CA 94234-7320**

### ***DO NOT SUBMIT APPLICATIONS TO THE STATE PERSONNEL BOARD***

**CROSS-FILING INFORMATION:** If you meet the entrance requirements for this class and for the Research Scientist II (Food and Drug Sciences), the Research Scientist II (Epidemiology/Biostatistics), the Research Scientist II (Physical/Engineering Sciences), the Research Scientist II (Social/Behavioral Sciences), or the Research Scientist II (Chemical Sciences) scheduled at the same time, you may file for those examinations on a single application. Indicate the class title(s) for which you are applying on the application Form STD. 678.

**SPECIAL TESTING INFORMATION:** If you have a disability and need special testing arrangements, mark the appropriate box on the application Form STD. 678. You will be contacted to make specific arrangements.

**FINAL FILING DATE:** Applications must be submitted by **April 25, 2003**, the final filing date. Applications postmarked, personally delivered, or received via interoffice mail after the final filing date will not be accepted for any reason.

**SALARY RANGES:** \$4724 - \$5699 per month.

**POSITION DESCRIPTION:** Under general supervision, incumbents plan, organize, and carry out scientific research studies of moderate scientific scope and complexity; may serve as a team member on public health projects and investigations within their program and act as a technical scientific consultant on a specific phase of a more complex scientific research study; make independent, difficult decisions in a specific scientific field using established guidelines and technical scientific procedures and adapt research methods to problems with limited scientific scope, and perform other related work. Work is reviewed periodically to see that it generally conforms to established policies and procedures.

**MICROBIOLOGICAL SCIENCES:** Incumbents in this parenthetical are distinguished from other Research Scientists by being required to analyze and draw conclusions from research studies of the microbial, viral, and immunologic aspects of infectious diseases. Work in a subspecialty requires broad knowledge in a specific area of bacteriology, parasitology, mycology, virology, microscopy, molecular biology/microbial genetics, food, and water microbiology. Research study conclusions are used to improve detection and identification of infectious disease-causing microorganisms; define mechanisms and modes of infectious disease transmission; identify mechanisms of tissue injury; support improved investigation of infectious disease outbreaks; and improve methods to prevent infectious disease transmission.

**REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION:** It is your responsibility to make sure you meet the education and/or experience requirements stated below by **April 25, 2003**, the final filing date. Your signature on your application indicates that you have read, understood, and possess the basic qualifications required.

NOTE: Applications/resumes **MUST** contain the following information: "to" and "from" dates (month/day/year), time base, civil service class title(s), and range (if applicable). College course information **MUST** include: title, semester or quarter units, name of institution, completion dates, and degree.

**Applications/resumes received without this information will be rejected.**

**MINIMUM QUALIFICATIONS:** Qualifying experience may be combined on a proportionate basis if the requirements stated below include more than one pattern and are distinguished as "Either I," "or II," "or III," etc.

Either I

Experience: Two years of experience in the California state service performing scientific research duties comparable to those of a Research Scientist I in the stated specialty or a closely related field. One year towards completion of a doctoral degree of the stated specialty or a closely related field may be substituted for one year of the required experience. and

Education: Possession of a bachelor's degree in the stated specialty or a closely related field.

Or II

Experience: Three years of research experience in the stated specialty or a closely related field. The research experience must have included responsibility for determining research design, choice of methods, and analysis of findings. The research involved in completion of the dissertation required for the doctoral degree may be substituted for one year of the required experience. and

Education: Possession of a master's degree in the stated specialty or in a closely related field.

*The required education degree for all patterns must have been obtained from a recognized U.S. university or from a foreign university approved by the Bureau of Private Postsecondary and Vocational Education under the provision of California Education Code Chapter 3, Part 59, Division 10.*

**EXAMINATION INFORMATION:** The entire examination will consist of an Evaluation of Training and Experience weighted 100%. No written test is required, and no interview will be conducted. Candidates who meet the Requirements for Admittance to the Examination (minimum qualifications) will be mailed a Supplemental Application questionnaire. The questionnaire is designed to elicit specific information regarding each candidate's education and experience relative to the testing classification. Responses to the questionnaire will be assessed based on pre-determined rating criteria. In appraising the relative qualifications of candidates, consideration will be given to the extent and type of pertinent experience and education over and above that required under "Minimum Qualifications."

**ELIGIBLE LIST INFORMATION:** In order to obtain a position on the eligible list, a minimum rating of 70 percent must be attained. Eligibility expires 24 months after it is established unless the needs of the service and conditions of the list warrant a change in this period.

**VETERANS PREFERENCE:** Veterans' preference credit will not be added since this does not qualify as an entrance exam.

**GENERAL INFORMATION**

**Applications** are available at the State Personnel Board office, through the Internet at <http://www.spb.ca.gov>, at local offices of the Employment Development Department, and the Department noted on this announcement.

**If you meet the requirements** stated on this announcement, you may take this examination. Possession of the entrance requirement does not assure a place on the eligible list. All candidates who pass will be ranked according to their scores.

**The Department of Health Services** reserves the right to revise the examination plan to better meet the needs of the service if the circumstances under which this examination was planned change. Such revision will be in accordance with civil service law and rules and all competitors will be notified.

**Eligible Lists:** Eligible lists established by competitive examination, regardless of date, must be used in the following order: sub-divisional promotional, 2) departmental promotional, 3) multi-departmental promotional, 4) service-wide promotional, 5) departmental open, and 6) open. When there are two lists of the same kind, the older must be used first. Eligible lists will expire in from one to four years unless otherwise stated on this announcement.

**General Qualifications:** Candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment, ability to work cooperatively with others, and a state of health consistent with the ability to perform the assigned duties of the class. A medical examination may be required.

**Veteran's Preference:** California law allows granting of veterans' preference points in open entrance examinations and open nonpromotional examinations. Credit in open examinations is granted as follows: 10 points for veterans, widows and widowers of veterans, and spouses of 100% disabled veterans; and 15 points for disabled veterans. Credit in open nonpromotional examinations is granted as follows: five (5) points for veterans, and 10 points for disabled veterans. Directions for applying for veterans preference points are on the Veteran Preference Application Form 1093 which is available from State Personnel Board Offices, written test proctors, and the Department of Veterans Affairs, P.O. Box 942895, Sacramento, CA 94295-0001.

TDD is Telecommunications Device for the Deaf and is reachable only from phones equipped with a TDD Device.

The California Relay (Telephone) Service for the Deaf or Hearing Impaired:

MCI From TDD: 1-800-735-2929 MCI From VOICE TELEPHONE: 1-800-735-2922

Sprint From TDD: 1-888-877-5378 Sprint From Voice Telephone: 1-888-877-5379